

- LEGEND**
- PROPOSED PIPELINE
 - LIMITS OF DISTURBANCE
 - PROPOSED PERMANENT EASEMENT
 - OPERATIONAL CORRIDOR
 - PROPOSED TREE LINE
 - EXISTING TREE LINE
 - WETLAND (SURVEYED)
 - WETLAND (PUBLIC)
 - WATERBODY (SURVEYED)
 - WATERBODY (PUBLIC)
 - ACTIVELY DISTURBED AREA (RIPARIAN IMPACT)
 - TEMPORARY ACCESS TO PROJECT DISTURBANCE (RIPARIAN IMPACT)
 - NEW UTILITY LINE DISTURBANCE (RIPARIAN IMPACT)
 - RIPARIAN BUFFER
 - 25' BUFFER FROM STREAM TOP OF BANK
 - STREAM CENTERLINE (SURVEYED)
 - STREAM CENTERLINE (PUBLIC)
 - LIMITS OF WETLAND DELINEATION
 - PROPERTY LINE
 - PARCEL ID WITH BLOCK AND LOT NUMBER
(LB-HU-A001.000 BLOCK - 1 LOT - 10.00)
 - EXISTING CULVERT
 - CPP CORRUGATED PLASTIC PIPE
 - CMP CORRUGATED METAL PIPE
 - HDPE HIGH DENSITY POLYETHYLENE PIPE
 - PVC POLYVINYL CHLORIDE PIPE
 - RCP REINFORCED CONCRETE PIPE
 - UNK UNKNOWN
 - EXISTING FOREIGN UTILITY EASEMENT
 - 1260' EXISTING MAJOR CONTOURS
 - EXISTING MINOR CONTOURS
 - EXISTING PIPELINE
 - OH EXISTING OVERHEAD LINE
 - EXISTING TREE
 - EXISTING FENCE
 - SOW_FLAG_NO STATE OPEN WATER FLAG
 - PHOTO LOCATION (SEE REPORT)

I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT SUPERVISION.

THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24GS03676100

Thomas D. Strong 08/01/2019
SIGNATURE DATE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND WITH THE DETAILED ENGINEERING DRAWINGS.

MICHAEL J. DENICHILO
PROFESSIONAL ENGINEER
N.J. LIC. NO. 24GE05078700

Michael J. Denichilo 08/01/2019
SIGNATURE DATE

- NOTES:
- UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE", THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.
 - THESE PLANS ARE FOR PERMITTING PURPOSES ONLY. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION.
 - WETLAND AND WATERBODY DELINEATION SURVEYS COMPLETED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 - PHOTO LOCATIONS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 - RIPARIAN ZONES AND WETLAND TRANSITION AREAS PROVIDED BY PAULUS, SOKOLOWSKI AND SARTOR (PS&S).
 - CIVIL SURVEY CONDUCTED AND DRAWINGS PREPARED BY MOTT MACDONALD.

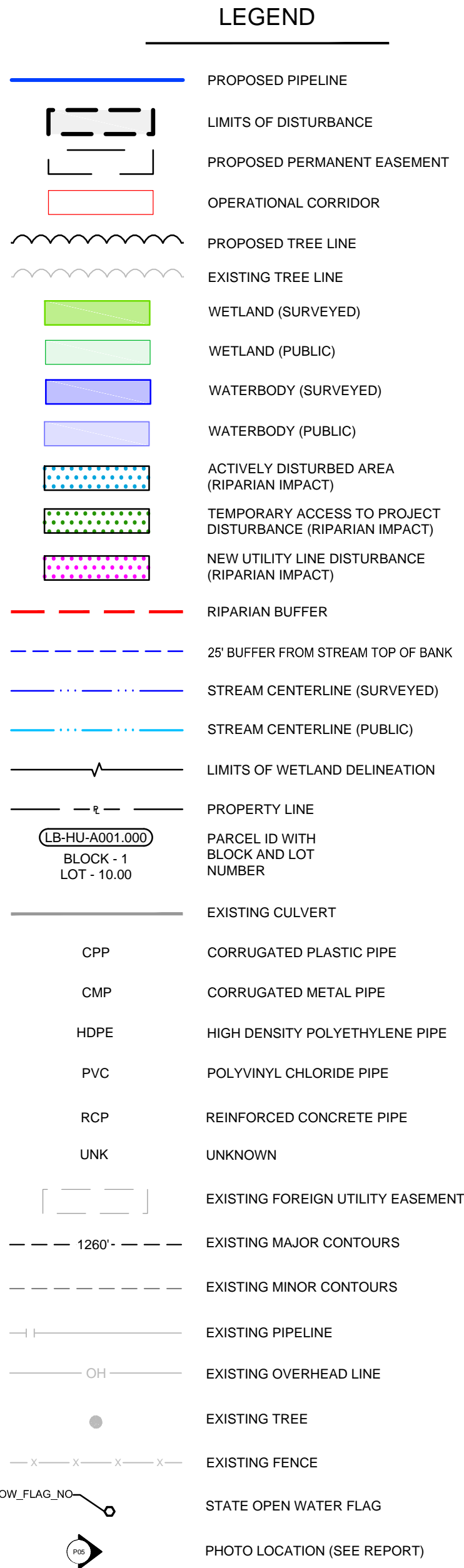
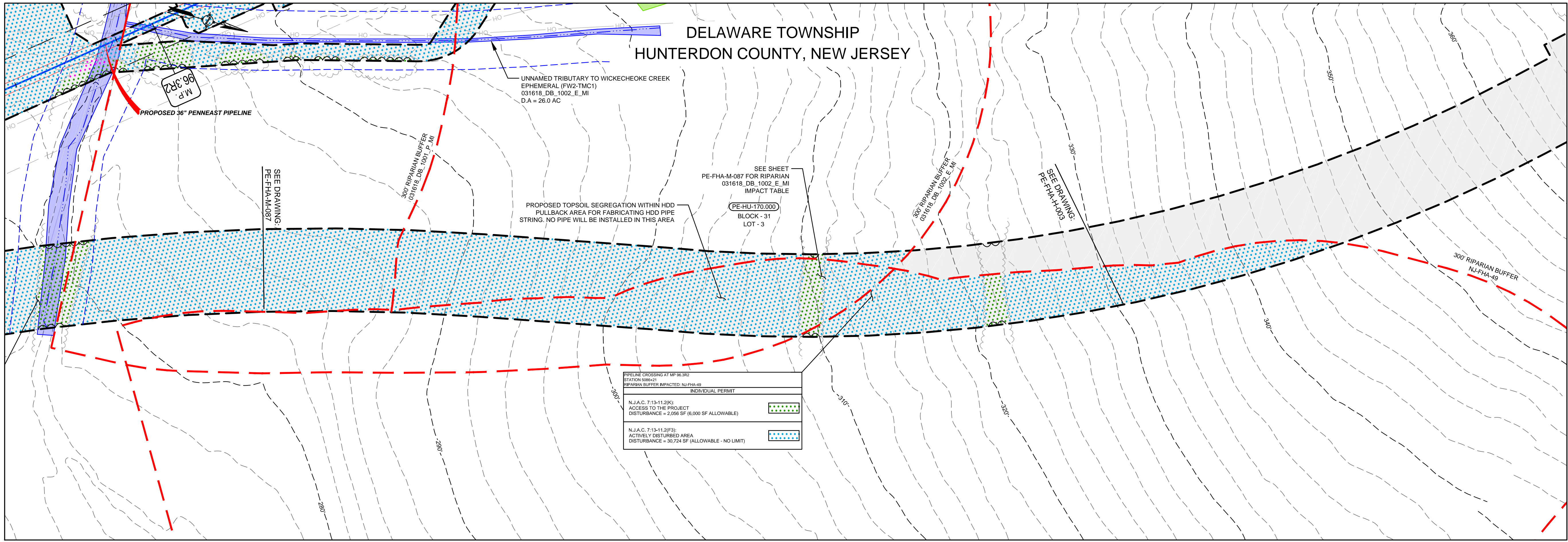
REFERENCE DRAWINGS		REVISIONS						
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	
		0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD	

APPROVALS							
DRAWN BY	DATE						
RJP	7/2019						
CHECKED BY	DATE						
KEK	7/2019						
ENG. APPROVAL	DATE						
MJD	7/2019						
P.M. APPROVAL	DATE						
MW	7/2019						

APPROVALS			
DRAWN BY	DATE		
RJP	7/2019		
CHECKED BY	DATE		
KEK	7/2019		
ENG. APPROVAL	DATE		
MJD	7/2019		
P.M. APPROVAL	DATE		
MW	7/2019		

PREPARED BY			
PennEast PIPELINE			
MOTT MACDONALD			
111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830			
CERTIFICATE NO. 24GA28016600			

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN MP 91.3R2		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-H-001	0



I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR
UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I
HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN
WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT
SUPERVISION.

THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24G503676100

08/01/2019

SIGNATURE DATE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I
HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL
DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND
WITH THE DETAILED ENGINEERING DRAWINGS.

MICHAEL J. DENICHILO
PROFESSIONAL ENGINEER
N.J. LIC. NO. 24GE05078700

08/01/2019

SIGNATURE DATE

NOTES:

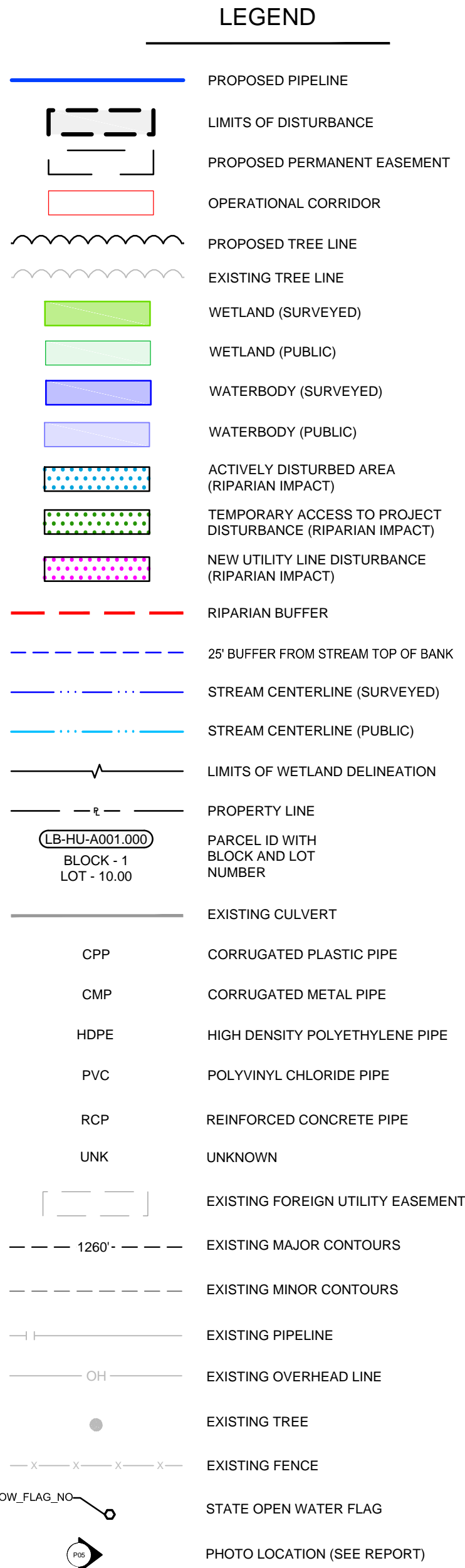
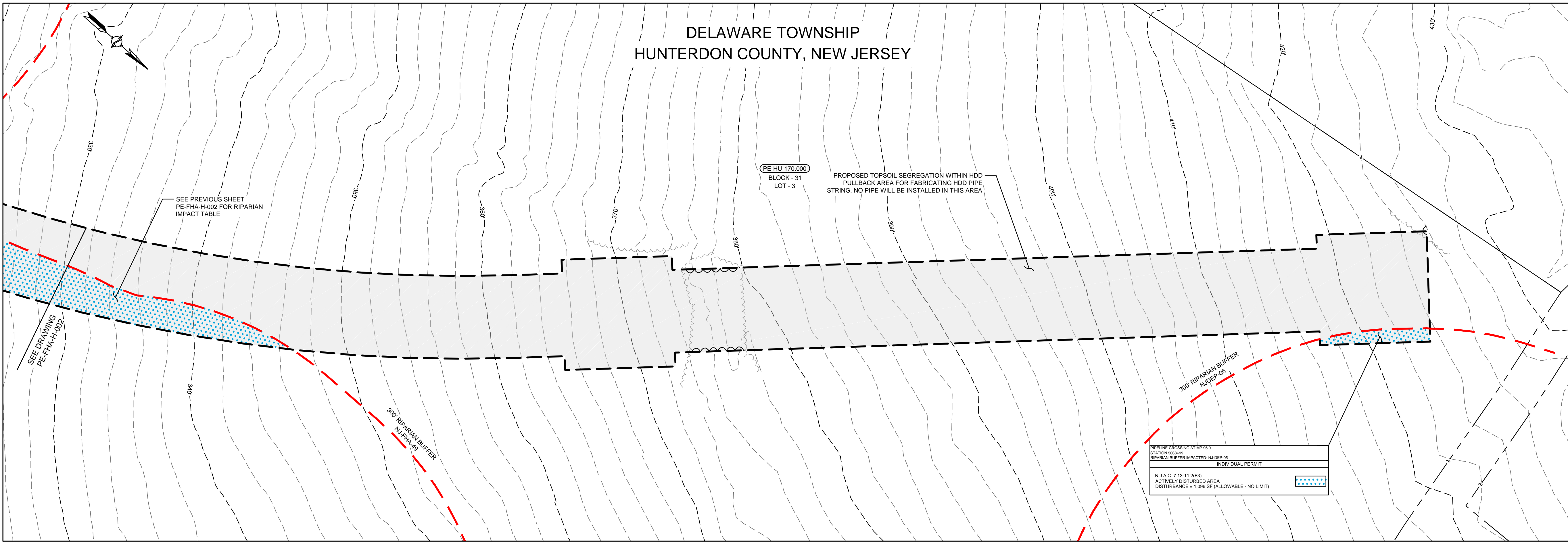
- UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE", THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.
- THESE PLANS ARE FOR PERMITTING PURPOSES ONLY. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION.
- WETLAND AND WATERBODY DELINEATION SURVEYS COMPLETED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
- PHOTO LOCATIONS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
- RIPARIAN ZONES AND WETLAND TRANSITION AREAS PROVIDED BY PAULUS, SOKOLOWSKI AND SARTOR (PS&S).
- CIVIL SURVEY CONDUCTED AND DRAWINGS PREPARED BY MOTT MACDONALD.

REFERENCE DRAWINGS		REVISIONS						
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	
		0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD	

REVISIONS						
NO	REVISIONS	DATE	DRAWN	CK	APPR	
0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD	

PREPARED FOR		PREPARED BY	
PennEast PIPELINE		MOTT MACDONALD	
		111 WOOD AVENUE SOUTH, ISELIN, NJ, 08830 CERTIFICATE NO. 24GA28016600	

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN MP 96.4R2		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-H-002	0



I AM A DULY REGISTERED PROFESSIONAL LAND SURVEYOR
UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I
HEREBY CERTIFY THAT EXISTING CONDITIONS SHOWN
WERE FIELD LOCATED AND PREPARED UNDER MY DIRECT
SUPERVISION.

THOMAS D. STRONG
PROFESSIONAL LAND SURVEYOR
N.J. LIC. NO. 24GS03676100

08/01/2019
SIGNATURE DATE

I AM A DULY REGISTERED PROFESSIONAL ENGINEER
UNDER THE LAWS OF THE STATE OF NEW JERSEY AND I
HEREBY CERTIFY THAT THE PROPOSED ENVIRONMENTAL
DISTURBANCES SHOWN ARE ACCURATE AND CORRESPOND
WITH THE DETAILED ENGINEERING DRAWINGS.

MICHAEL J. DENICHILO
PROFESSIONAL ENGINEER
N.J. LIC. NO. 24GE05078700

08/01/2019
SIGNATURE DATE

- NOTES:
- UNLESS THESE DRAWINGS ARE SPECIFICALLY DESIGNATED AS "CONSTRUCTION ISSUE", THESE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION OR IMPROVEMENTS DEPICTED HEREIN. CONTRACTORS SHALL NOTIFY THE DESIGN ENGINEER TO OBTAIN CONSTRUCTION DOCUMENTS.
 - THESE PLANS ARE FOR PERMITTING PURPOSES ONLY. THESE PLANS SHALL NOT BE USED FOR CONSTRUCTION.
 - WETLAND AND WATERBODY DELINEATION SURVEYS COMPLETED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 - PHOTO LOCATIONS PROVIDED BY AMY S. GREENE ENVIRONMENTAL CONSULTANTS.
 - RIPARIAN ZONES AND WETLAND TRANSITION AREAS PROVIDED BY PAULUS, SOKOLOWSKI AND SARTOR (PS&S).
 - CIVIL SURVEY CONDUCTED AND DRAWINGS PREPARED BY MOTT MACDONALD.

REFERENCE DRAWINGS		REVISIONS					
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR
		0	ISSUED FOR NJDEP PERMIT	7/2019	RJP	KEK	MJD

APPROVALS				CLIENT APPROVAL	
DRAWN BY	DATE	SIGNATURE	DATE	DATE	DATE
RJP	7/2019				
CHECKED BY	DATE	SIGNATURE	DATE	DATE	DATE
KEK	7/2019				
ENG. APPROVAL	DATE	SIGNATURE	DATE	DATE	DATE
MJD	7/2019				
P.M. APPROVAL	DATE	SIGNATURE	DATE	DATE	DATE
MW	7/2019				

PREPARED FOR		PREPARED BY	
PennEast PIPELINE		MOTT MACDONALD	
111 WOOD AVENUE SOUTH, ISELIN, NJ 08830		CERTIFICATE NO. 24GA28016600	

PENNEAST PIPELINE PROJECT		
PENNEAST PIPELINE FLOOD HAZARD AREA PERMIT PLAN MP 96.4R2		
SCALE	DRAWING NO.	REVISION
1" = 50'	PE-FHA-H-003	0